THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) In the last few years, a notional surplus of power has arisen in the Eastern Region because of low load growth and addition in generating capacity in the region. An action plan has been formulated for improving the plant load factor of the generating stations and exporting the available surplus power in the Eastern Region to the neighbouring regions over transmission elements which are under construction or are planned to be constructed. The existing transmission capacity for evacuation of surplus power in Eastern Region is 1500 MW which is planned to be increased to 5350 MW by February, 2006.

Bringing power generated by NTPC at Kayamkulam to Central Pool

3142. SHRI N.K. PREMACHANDRAN: Will the Minister of POWER be pleased to state:

(a) whether Government are considering to bring the power generated from the NTPC at Kayamkulam in Kerala to the Common Central Pool; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) Kayamkulam Combined Cycle Power Plant (350 MW) is fully dedicated to Kerala and so the entire power generated from the project is made available to the State. However, Kerala has recently expressed its intention to surrender 100 MW power from this plant for one year during off-peak hours. The proposal for inclusion of this surrendered power in the Regional Energy Account in Southern Region is to be considered by the Southern Region Electricity Board. Thereafter, a decision in the matter will be taken by the Government.

Shortage of power in Karnataka

3143. SHRI H.K. JAVARE GOWDA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that there is shortage of power and the voltage is very low in Karnataka;

(b) if so, the details of total requirement of power of the State;

(c) whether the State Government has established any new power generation plant during the last two years; if so, the details thereof; and

(d) the steps Government propose to take to provide required supply of power to the State?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) Yes, Sir. there is shortage of power and low voltage problems in Karnataka. The details of actual power supply position of Karnataka during the period April, 2001 to November, 2001 are given as under:—

Energy (MU net)		Peak Demand (MW net)	
Requirement	20536	Peak Demand	5321
Availability	18323	Peak Met	3985
Shortage	2213	Shortage	1336
Percentage shortage	10.8	Percentage shortage	25.1

(c) The following are the new power generating stations commissioned in Karnataka in current financial year (2001-02) and last two financial years (1999-2000 & 2000-01)

Sl. No.	Power Stations	Type	Capacity (MW)	Date of Commissioning
1.	Torangallu TPS	Thermal	130	Unit No. 2 16.5.1999
2.	Raichur TPS	Thermal	210	Unit No. 6 22.7.1999
3.	Kalinadi Stage-II Unit 3 (Kodasalli HEP)	Hydro	40	Unit No. 3 28.8.1999
4.	Bellari DGPP	Diesel	25.1	22.9.2000
5.	Sharavati Tail Race Project (Gerusoppa)	Hydro	180	Unit No. I 20.2.2001 Unit No. II 15.5.2001 Unit No. III 1.11.2001
6.	Tanir Bhavi	Gas	220	21.11.2001
	TOTAL:		805.1	

(d) To augment power supply in Karnataka, the following steps are being taken:

1. **Capacity Addition**:—It is envisaged to add about 1316 MW in Karnataka apart from 2240 MW under Central Sector in Southern Region from which Karnataka would also have share.
2. Maximization of Import of Power by Southern Region from other regions and Augmentation of Transmission System.
3. Renovation, Modernisation & Life Extension of old and inefficient generating units:—The Government have accorded priority to R&M and Life extension programme to maximize the generation from existing capacity by providing funding under Accelerated Power Development Programme (APDP).
4. 100% metering and strengthening/augmentation of sub-transmission and distribution system in Karnataka by providing funds under APDP.

Installation of Geo-Thermal minor plant at Sarguja district, Chhattisgarh

3144. SHRI RAMACHANDRA KHUNTIA: Will the Minister of POWER be pleased to state:

(a) whether National Hydro-electric Power Corporation (NHPC) propose to install India's first geo-thermal minor hydel plant at Sarguja District of Chhattisgarh;

(b) if so, by when the plant is likely to start generating electricity; and

(c) the steps taken by Government to formulate a plan for setting up a network of minor and micro hydel power projects all over the country and especially in Orissa where several rivers can be used for the purpose?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) Yes, Sir. The Ministry of Non-conventional Energy Sources (MNES) entrusted the development of the Tattapani Geothermal Fields Project in Sarguja District of Chhattisgarh to the National Hydro-electric Power Corporation. The Project is scheduled to be completed within three years from the date of approval of the revised estimate proposal by MNES.

(c) Ministry of Non-conventional Energy Sources is implementing a number of financial incentive schemes for the development of small hydro